

Converting Colors

XYZ(14.9251, 16.5951, 12.4414)

Have a look what the booklet for
XYZ(14.9251, 16.5951, 12.4414)
contains.

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Color

**XYZ(14.8726, 16.5449,
12.5348)**

Conversions

Conversions Part 1

Format	Color
Hex	71735C
RGB	113, 115, 92
RGB Percent	44%, 45%, 36%
CMY	0.5569, 0.5490, 0.6392
CMYK	0.02, 0.00, 0.20, 0.55
HSL	65°, 11%, 41%
HSV	65°, 20%, 45%
XYZ	14.8726, 16.5449, 12.5348
YIQ	111.7800, 6.1910, -7.5770

Conversions

Conversions Part 2

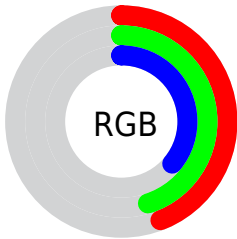
Format	Color
RYB	92, 115, 94
Decimal	7435100
CIELab	47.68, -5.05, 12.50
CIElCh	48, 13.485, 112.013
Yxy	16.5449, 0.3384, 0.3764
Android (android.graphics.Color)	4285625180 (0xFF71735C)
YUV	111.7800, -9.7515, 1.0699
Hunter-Lab	40.6754, -5.9151, 10.2016

Details

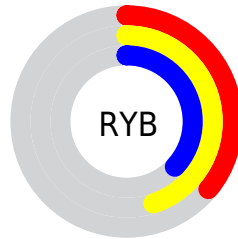
The XYZ color **14.8726, 16.5449, 12.5348** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.5383, 11.2722, 17.7882**, and the grayscale version is **15.3634, 16.1635, 17.6020**.

A 20% lighter version of the original color is **34.2183, 37.5898, 31.0432**, and **4.6803, 5.3354, 3.3679** is the 20% darker color. If you saturate the color by 10%, you get **14.2797, 16.2935, 10.0791**, and if you desaturate by 10%, it is **15.5442, 16.8290, 15.3933**.

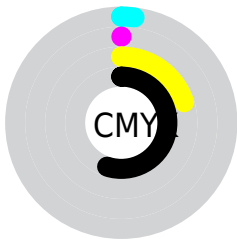
Distribution



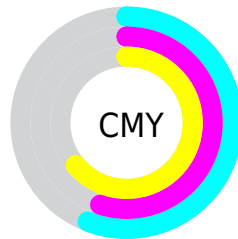
- Red (44%)
- Green (45%)
- Blue (36%)



- Red (36%)
- Yellow (45%)
- Blue (37%)



- Cyan (2%)
- Magenta (0%)
- Yellow (20%)
- Black (55%)



- Cyan (56%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8726, 16.5449, 12.5348 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 14.8726, 16.5449, 12.5348 by changing the saturation by 10% instead.

■ 14.8726, 16.5449,
12.5348

■ 14.8726, 16.5449,
12.5348

215.9975,
232.5359, 219.0165

■ 8.8158, 9.9106,
6.9821

■ 34.2030, 37.5416,
31.1443

■ 4.6773, 5.3397,
3.3726

■ 48.2073, 52.6728,
45.0381

■ 2.0920, 2.4479,
1.2879

■ 65.5915, 71.4050,
62.5494

■ 0.6849, 0.8504,
0.0518

■ 86.7208, 94.1227,
84.0967

■ 0.0000, 0.0000,
0.0000

111.9607,
121.2103, 110.0985

141.6766,

153.0520, 140.9734

176.2337,
190.0325, 177.1398

■ 14.8726, 16.5449,
12.5348

■ 14.8726, 16.5449,
12.5348

■ 14.2797, 16.2935,
10.0791

■ 15.5442, 16.8290,
15.3933

■ 13.7607, 16.0712,
8.0071

■ 16.2963, 17.1450,
18.6705

■ 13.3123, 15.8774,
6.2996

■ 17.1324, 17.4948,
22.3827

■ 12.9305, 15.7104,
4.9356

■ 18.0554, 17.8794,
26.5450

■ 12.6109, 15.5684,
3.8918

■ 19.0681, 18.3001,
31.1718

■ 12.3485, 15.4495,
3.1418

■ 20.1730, 18.7579,
36.2768

■ 12.1375, 15.3513,
2.6553

■ 21.3727, 19.2537,
41.8733

■ 11.9559, 15.2650,
2.3163

■ 22.6695, 19.7886,
47.9740

■ 24.0659, 20.3634,
54.5909

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.0497, 16.5449, 12.2083



14.8726, 16.5449, 12.5348



13.9685, 16.5449, 14.2302

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.8726, 16.5449, 12.5348



14.3416, 16.5449, 23.7690



18.1342, 16.5449, 18.9527

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14.8726, 16.5449, 12.5348



11.5383, 11.2722, 17.7882

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



17.6238, 16.5449, 22.4167



14.8726, 16.5449, 12.5348



15.4056, 16.5449, 25.4200

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.8726, 16.5449, 12.5348



13.6730, 16.5449, 20.6189



16.6103, 16.5449, 24.8959



17.9736, 16.5449, 15.6394

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.8726, 16.5449, 12.5348



13.6224, 16.5449, 16.0416



16.6103, 16.5449, 24.8959



18.0345, 16.5449, 20.1431

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14.8730, 16.5456, 12.5352



28.3335, 30.3445, 29.7284



12.9978, 12.4085, 11.8354



6.7442, 7.2327, 7.0263



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.8730, 16.5456, 12.5352



26.1228, 29.4108, 20.3219



13.4955, 15.8355, 12.4707



3.9367, 4.2509, 3.9553



13.6586, 17.4456, 2.6475



66.1965, 84.8273, 12.8844

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



11.5383, 11.2722, 17.7882



18.9987, 18.1440, 31.5453



12.7969, 11.9210, 17.8471



3.5275, 3.6037, 4.5999



3.6712, 1.4839, 18.6355



17.5651, 7.0636, 90.7979

Previews

White Background



This preview shows how the XYZ color 14.8726, 16.5449, 12.5348 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 14.8726, 16.5449, 12.5348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

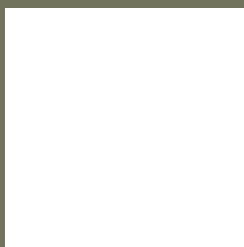
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8726, 16.5449, 12.5348

Background



This preview shows how black text looks on a background with the XYZ color 14.8726, 16.5449, 12.5348.

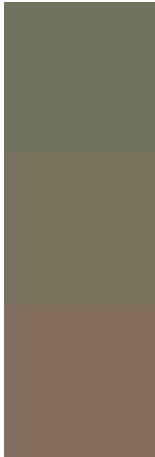


This preview shows how white text looks on a background with the XYZ color 14.8726, 16.5449,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14.8726, 16.5449, 12.5348

Protanopia

15.5392, 16.5587, 12.2747

Deuteranopia

16.8045, 16.5529, 12.6653



Tritanopia

16.4107, 16.5069, 20.0905

Trichromacy



Original Color

14.8726, 16.5449, 12.5348

Protanomaly

15.2418, 16.5719, 12.2929

Deuteranomaly

15.9724, 16.4443, 12.6882

Tritanomaly

15.8111, 16.4271, 17.0893

Monochromacy



Original Color

14.8726, 16.5449, 12.5348

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.1370, 16.2749, 15.7082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8726, 16.5449, 12.5348 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(113, 115, 92)` looks like.

```
.text, #text, p{  
    color:rgb(113, 115, 92)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(113, 115, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 115, 92) }
```

Border

The CSS property to change the border of an element to XYZ 14.8726, 16.5449, 12.5348 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(113, 115, 92) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(113, 115, 92) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(113, 115, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 115, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 115, 92);  
box-shadow:4px 4px 4px 4px rgb(113, 115,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8726, 16.5449, 12.5348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 115, 92) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(113,  
115, 92) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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